



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No.09/995,415
Filing DateNov 26, 2001
Inventor.....Robertson et al.
Applicant Microsoft Corporation
Attorney's Docket No. MS1-776US
Title: A Dynamically Generated Schema Representing Multiple Hierarchies of
Inter-Object Relationships

REQUEST FOR CORRECTION OF FILING RECEIPT

To: Application Processing Division – Customer Correction Branch
Commissioner of Patents and Trademarks
Washington, D.C. 20231

From: Brian G. Hart (Tel. 509-324-9256; Fax 509-323-8979)
Customer No. 22801

Contrary to the filing receipt, which indicates a filing date of November 29, 2001, the actual filing date of this application is **November 26, 2001**. The following enumerated items are submitted to verify the correct filing date.

1. Copy of transmittal letter mailed 11/26/01
2. Copy of Express Mail Label dated 11/26/01

A copy of the filing receipt with the correction noted is also enclosed.

Applicant respectfully requests correction and issuance of a corrected filing receipt.

Respectfully submitted,

Dated: 4/12/02

By: 

Brian G. Hart
Reg. No. 44,421
(509) 324-9256

2FC1

Receipt



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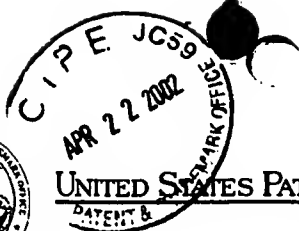
| | | | |
|--------------------------------------------------------------------------------------------|----------------------|------------------------|-----------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/995,415 | |
| | Filing Date | 11-26-2001 | |
| | First Named Inventor | Cameron | |
| | Group Art Unit | 2171 | |
| | Examiner Name | HHA | |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | MSJ-776US |

| ENCLOSURES (check all that apply) | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for correction of filing receipt Return Postcard |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--------------------------------------------|----------------------|
| Firm or Individual name | Brian G. Hart |
| Signature | <i>Brian G. Hart</i> |
| Date | 04/12/02 |

| CERTIFICATE OF MAILING | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 4-12-02 | |
| Typed or printed name | Carlin Taylor |
| Signature | <i>Carlin Taylor</i> |
| Date | 4-12-02 |

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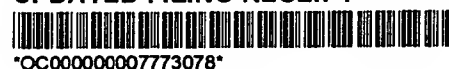
| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/995,415 | 11/29/2001 | 2171 | 2316 | MS1-776US | 14 | 91 | 5 |

11/26/2001

22801
LEE & HAYES PLLC
421 W RIVERSIDE AVENUE SUITE 500
SPOKANE, WA 99201

CONFIRMATION NO. 1895

UPDATED FILING RECEIPT



OC000000007773078

Date Mailed: 04/03/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kim Cameron, Bellevue, WA;
Stewart P. MacLeod, Woodinville, WA;
George G. Robertson, Seattle, WA;
James H. Booth, Issaquah, WA;
Luc Clement, Sammamish, WA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 12/21/2001

Projected Publication Date: 05/29/2003

Non-Publication Request: No

Early Publication Request: No

Title

Dynamically generated schema representing multiple hierarchies of inter-object relationships

Preliminary Class

707



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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|------------------------------------------------------------------------------------------------|
| Attorney Docket No. | MS1-776US |
| First Inventor | Cameron et al. |
| Title | A Dynamically Generated Schema Representing Multiple Hierarchies of Inter-Object Relationships |
| Express Mail Label No. | |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☐ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 73]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 14]
- ☒ Oath or Declaration [Total Pages]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
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Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

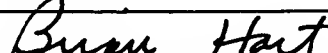
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner: _____ Group Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  or ☐ Correspondence address below

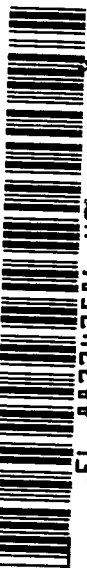
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|-------------------|-------------------------------------------------------------------------------------|-----------------------------------|----------|
| Name (Print/Type) | Brian G. Hart | Registration No. (Attorney/Agent) | 44,421 |
| Signature |  | Date | 11/26/01 |

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Bib Data Sheet

CONFIRMATION NO. 1895

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| SERIAL NUMBER 09/995,415 | FILING DATE 11/29/2001 RULE 26 | CLASS 707 | GROUP ART UNIT 2171 | ATTORNEY DOCKET NO. MS1-776US |
| APPLICANTS Kim Cameron, Bellevue, WA; Stewart P. MacLeod, Woodinville, WA; George G. Robertson, Seattle, WA; James H. Booth, Issaquah, WA; Luc Clement, Sammamish, WA; | | | | |
| ** CONTINUING DATA ***** | | | | |
| ** FOREIGN APPLICATIONS ***** | | | | |
| IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 12/21/2001 | | | | |
| Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____ | | STATE OR COUNTRY WA | SHEETS DRAWING 14 | TOTAL CLAIMS 91 |
| | | | | INDEPENDENT CLAIMS 5 |
| ADDRESS 22801 | | | | |
| TITLE Dynamically generated schema representing multiple hierarchies of inter-object relationships | | | | |
| FILING FEE RECEIVED 2316 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit | |